

TYPICAL WORK ACTIVITIES for BRIDGE PRESERVATION COMPONENTS

Capital Scheduled Maintenance (CSM): (sustain current condition longer)

- ✓ superstructure washing
- ✓ vegetation control
- ✓ drainage system cleaning / repair *
- ✓ spot painting *
- ✓ joint repair *
- ✓ concrete sealing *
- ✓ **minor** concrete patching and repair *
- ✓ concrete crack sealing *
- ✓ approach pavement relief joints *
- ✓ slope paving repair *

Capital Preventive Maintenance (CPM): (address the needs of the “fairs”)

- ✓ pin & hanger replacement *
- ✓ complete painting *
- ✓ zone painting *
- ✓ joint replacement *
- ✓ epoxy overlay *
- ✓ deck patching *
- ✓ scour countermeasures *
- ✓ HMA overlay with waterproofing membrane *
- ✓ HMA cap (no membrane) *
- ✓ minor substructure repair *

Rehabilitation: (improve “poor” or “fair” to “good”)

- ✓ concrete overlay – shallow
- ✓ concrete overlay – deep
- ✓ superstructure repairs
- ✓ extensive substructure repair
- ✓ substructure replacement

Replacement: (improve “poor” to “good”)

- ✓ deck replacement
- ✓ superstructure replacement
- ✓ structure replacement